STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING ERROR REPORT

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Application Serial Number: 10/588,124
Source: IFW
Date Processed by STIC: 8/10/06

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1. EFS-Bio (**<http://www.uspto.gov/ebc/efs/downloads/documents.htm>** , **EFS Submission User Manual** - ePAVE)
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Revised 01/10/06

IFWP

RAW SEQUENCE LISTING DATE: 08/10/2006
PATENT APPLICATION: US/10/588,124 TIME: 11:01:30

Input Set : A:\L7350.0010 SEQUENCE LISTING.txt
Output Set: N:\CRF4\08102006\J588124.raw

3 <110> APPLICANT: Locomogene,Inc.,
4 St. Marianna University School of Medicine
5 Ohta, Tomohiko
7 <120> TITLE OF INVENTION: CARCINOSTATIC METHOD USING BRCA1-BARD1 PATHWAY
9 <130> FILE REFERENCE: PCT05-0001
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/588,124
C--> 11 <141> CURRENT FILING DATE: 2006-08-01
11 <150> PRIOR APPLICATION NUMBER: US60/541287
12 <151> PRIOR FILING DATE: 2004-02-02
14 <160> NUMBER OF SEQ ID NOS: 24
16 <170> SOFTWARE: PatentIn version 3.2
18 <210> SEQ ID NO: 1
19 <211> LENGTH: 1333
20 <212> TYPE: DNA
21 <213> ORGANISM: Homo sapiens
24 <220> FEATURE:
25 <221> NAME/KEY: CDS
26 <222> LOCATION: (101)..(985)
28 <400> SEQUENCE: 1

Does Not Comply
Corrected Diskette Needed

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29 ggggccctgg tgtgattccg tcctgcgcgg ttgttctctg gagcagcgtt cttttatctc      60
31 cgtccgcctt ctctcctacc taagtgcgtg ccgccacccg atg gaa gat tcg atg       115
32                                               Met Glu Asp Ser Met
33                                               1               5
35 gac atg gac atg agc ccc ctg agg ccc cag aac tat ctt ttc ggt tgt       163
36 Asp Met Asp Met Ser Pro Leu Arg Pro Gln Asn Tyr Leu Phe Gly Cys
37                 10                  15                  20
39 gaa cta aag gcc gac aaa gat tat cac ttt aag gtg gat aat gat gaa       211
40 Glu Leu Lys Ala Asp Lys Asp Tyr His Phe Lys Val Asp Asn Asp Glu
41             25                  30                  35
43 aat gag cac cag tta tct tta aga acg gtc agt tta ggg gct ggt gca       259
44 Asn Glu His Gln Leu Ser Leu Arg Thr Val Ser Leu Gly Ala Gly Ala
45         40                  45                  50
47 aag gat gag ttg cac att gtt gaa gca gag gca atg aat tac gaa ggc       307
48 Lys Asp Glu Leu His Ile Val Glu Ala Glu Ala Met Asn Tyr Glu Gly
49     55                  60                  65
51 agt cca att aaa gta aca ctg gca act ttg aaa atg tct gta cag cca       355
52 Ser Pro Ile Lys Val Thr Leu Ala Thr Leu Lys Met Ser Val Gln Pro
53 70                  75                  80                  85
55 acg gtt tcc ctt ggg ggc ttt gaa ata aca cca cca gtg gtc tta agg       403
56 Thr Val Ser Leu Gly Gly Phe Glu Ile Thr Pro Pro Val Val Leu Arg
57                 90                  95                 100
59 ttg aag tgt ggt tca ggg cca gtg cat att agt gga cag cac tta gta       451
60 Leu Lys Cys Gly Ser Gly Pro Val His Ile Ser Gly Gln His Leu Val
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Output Set: N:\CRF4\08102006\J588124.raw

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61                105                 110                 115
63 gct gtg gag gaa gat gca gag tca gaa gat gaa gag gag gag gat gtg      499
64 Ala Val Glu Glu Asp Ala Glu Ser Glu Asp Glu Glu Glu Glu Asp Val
65         120                 125                 130
67 aaa ctc tta agt ata tct gga aag cgg tct gcc cct gga ggt ggt agc      547
68 Lys Leu Leu Ser Ile Ser Gly Lys Arg Ser Ala Pro Gly Gly Gly Ser
69     135                 140                 145
71 aag gtt cca cag aaa aaa gta aaa ctt gct gct gat gaa gat gat gac      595
72 Lys Val Pro Gln Lys Lys Val Lys Leu Ala Ala Asp Glu Asp Asp Asp
73 150                 155                 160                 165
75 gat gat gat gaa gag gat gat gat gaa gat gat gat gat gat gat ttt      643
76 Asp Asp Asp Glu Glu Asp Asp Asp Glu Asp Asp Asp Asp Asp Asp Phe
77                 170                 175                 180
79 gat gat gag gaa gct gaa gaa aaa gcg cca gtg aag aaa tct ata cga      691
80 Asp Asp Glu Glu Ala Glu Glu Lys Ala Pro Val Lys Lys Ser Ile Arg
81             185                 190                 195
83 gat act cca gcc aaa aat gca caa aag tca aat cag aat gga aaa gac      739
84 Asp Thr Pro Ala Lys Asn Ala Gln Lys Ser Asn Gln Asn Gly Lys Asp
85         200                 205                 210
87 tca aaa cca tca tca aca cca aga tca aaa gga caa gaa tcc ttc aag      787
88 Ser Lys Pro Ser Ser Thr Pro Arg Ser Lys Gly Gln Glu Ser Phe Lys
89     215                 220                 225
91 aaa cag gaa aaa act cct aaa aca cca aaa gga cct agt tct gta gaa      835
92 Lys Gln Glu Lys Thr Pro Lys Thr Pro Lys Gly Pro Ser Ser Val Glu
93 230                 235                 240                 245
95 gac att aaa gca aaa atg caa gca agt ata gaa aaa ggt ggt tct ctt      883
96 Asp Ile Lys Ala Lys Met Gln Ala Ser Ile Glu Lys Gly Gly Ser Leu
97                 250                 255                 260
99 ccc aaa gtg gaa gcc aaa ttc atc aat tat gtg aag aat tgc ttc cgg      931
100 Pro Lys Val Glu Ala Lys Phe Ile Asn Tyr Val Lys Asn Cys Phe Arg
101             265                 270                 275
103 atg act gac caa gag gct att caa gat ctc tgg cag tgg agg aag tct      979
104 Met Thr Asp Gln Glu Ala Ile Gln Asp Leu Trp Gln Trp Arg Lys Ser
105         280                 285                 290
107 ctt taa gaaaatagtt taaacaattt gttaaaaaat tttccgtctt atttcatttc     1035
108 Leu
111 tgtaacagtt gatatctggc tgtccttttt ataatgcaga gtgagaactt tccctaccgt   1095
113 gtttgataaa tgttgtccag gttctattgc caagaatgtg ttgtccaaaa tgcctgttta   1155
115 gtttttaaag atggaactcc acccttttgct tggttttaag tatgtatgga atgttatgat   1215
117 aggacatagt agtagcggtg gtcagacatg gaaatggtgg ggagacaaaa atatacatgt   1275
119 gaaataaaac tcagtatttt aataaaataa aaaaaaaaaa aaaaaaaaaa aaaaaaaa    1333
122 <210> SEQ ID NO: 2
123 <211> LENGTH: 294
124 <212> TYPE: PRT
125 <213> ORGANISM: Homo sapiens
127 <400> SEQUENCE: 2
129 Met Glu Asp Ser Met Asp Met Asp Met Ser Pro Leu Arg Pro Gln Asn
130 1               5                   10                  15
133 Tyr Leu Phe Gly Cys Glu Leu Lys Ala Asp Lys Asp Tyr His Phe Lys
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Input Set : A:\L7350.0010 SEQUENCE LISTING.txt
Output Set: N:\CRF4\08102006\J588124.raw

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134                 20                  25                  30
137 Val Asp Asn Asp Glu Asn Glu His Gln Leu Ser Leu Arg Thr Val Ser
138         35                  40                  45
141 Leu Gly Ala Gly Ala Lys Asp Glu Leu His Ile Val Glu Ala Glu Ala
142     50                  55                  60
145 Met Asn Tyr Glu Gly Ser Pro Ile Lys Val Thr Leu Ala Thr Leu Lys
146 65                  70                  75                  80
149 Met Ser Val Gln Pro Thr Val Ser Leu Gly Gly Phe Glu Ile Thr Pro
150                 85                  90                  95
153 Pro Val Val Leu Arg Leu Lys Cys Gly Ser Gly Pro Val His Ile Ser
154                 100                 105                 110
157 Gly Gln His Leu Val Ala Val Glu Glu Asp Ala Glu Ser Glu Asp Glu
158         115                 120                 125
161 Glu Glu Glu Asp Val Lys Leu Leu Ser Ile Ser Gly Lys Arg Ser Ala
162     130                 135                 140
165 Pro Gly Gly Gly Ser Lys Val Pro Gln Lys Lys Val Lys Leu Ala Ala
166 145                 150                 155                 160
169 Asp Glu Asp Asp Asp Asp Asp Asp Glu Glu Asp Asp Asp Glu Asp Asp
170                 165                 170                 175
173 Asp Asp Asp Asp Phe Asp Asp Glu Glu Ala Glu Glu Lys Ala Pro Val
174             180                 185                 190
177 Lys Lys Ser Ile Arg Asp Thr Pro Ala Lys Asn Ala Gln Lys Ser Asn
178         195                 200                 205
181 Gln Asn Gly Lys Asp Ser Lys Pro Ser Ser Thr Pro Arg Ser Lys Gly
182     210                 215                 220
185 Gln Glu Ser Phe Lys Lys Gln Glu Lys Thr Pro Lys Thr Pro Lys Gly
186 225                 230                 235                 240
189 Pro Ser Ser Val Glu Asp Ile Lys Ala Lys Met Gln Ala Ser Ile Glu
190                 245                 250                 255
193 Lys Gly Gly Ser Leu Pro Lys Val Glu Ala Lys Phe Ile Asn Tyr Val
194             260                 265                 270
197 Lys Asn Cys Phe Arg Met Thr Asp Gln Glu Ala Ile Gln Asp Leu Trp
198         275                 280                 285
201 Gln Trp Arg Lys Ser Leu
202     290

205 <210> SEQ ID NO: 3
206 <211> LENGTH: 12
207 <212> TYPE: PRT
208 <213> ORGANISM: Artificial
210 <220> FEATURE:
211 <223> OTHER INFORMATION: primer
213 <400> SEQUENCE: 3
215 Cys Val Met Ser Phe Glu Leu Leu Pro Leu Asp Ser
216 1               5                   10
219 <210> SEQ ID NO: 4
220 <211> LENGTH: 8
221 <212> TYPE: PRT
222 <213> ORGANISM: Homo sapiens
224 <400> SEQUENCE: 4
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a primer is not an amino acid sequence

RAW SEQUENCE LISTING DATE: 08/10/2006
PATENT APPLICATION: US/10/588,124 TIME: 11:01:30

Input Set : A:\L7350.0010 SEQUENCE LISTING.txt
Output Set: N:\CRF4\08102006\J588124.raw

Ala Asp Lys Asp Tyr His Phe Lys
1 5

<210> SEQ ID NO: 5
<211> LENGTH: 13
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
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Val Asp Asn Asp Glu Asn Glu His Gln Leu Ser Leu Arg
1 5 10

<210> SEQ ID NO: 6
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<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 6
Thr Val Ser Leu Gly Ala Gly Ala Lys
1 5

<210> SEQ ID NO: 7
<211> LENGTH: 7
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 7
Val Thr Leu Ala Thr Leu Lys
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<210> SEQ ID NO: 8
<211> LENGTH: 13
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<213> ORGANISM: Homo sapiens
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Ser Ala Pro Gly Gly Gly Ser Lys Val Pro Gln Lys Lys
1 5 10

<210> SEQ ID NO: 9
<211> LENGTH: 4
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 9
Val Pro Gln Lys
1

<210> SEQ ID NO: 10
<211> LENGTH: 15
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 10
Asp Thr Pro Ala Lys Asn Ala Gln Lys Ser Asn Gln Asn Gly Lys
1 5 10 15

<210> SEQ ID NO: 11
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<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
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RAW SEQUENCE LISTING DATE: 08/10/2006
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Input Set : A:\L7350.0010 SEQUENCE LISTING.txt
Output Set: N:\CRF4\08102006\J588124.raw

303 Asn Ala Gln Lys Ser Asn Gln Asn Gly Lys Asp Ser Lys
304 1 5 10
307 <210> SEQ ID NO: 12
308 <211> LENGTH: 11
309 <212> TYPE: PRT
310 <213> ORGANISM: Homo sapiens
312 <400> SEQUENCE: 12
314 Asp Ser Lys Pro Ser Ser Thr Pro Arg Ser Lys
315 1 5 10
318 <210> SEQ ID NO: 13
319 <211> LENGTH: 14
320 <212> TYPE: PRT
321 <213> ORGANISM: Homo sapiens
323 <400> SEQUENCE: 13
325 Pro Ser Ser Thr Pro Arg Ser Lys Gly Gln Glu Ser Phe Lys
326 1 5 10
329 <210> SEQ ID NO: 14
330 <211> LENGTH: 6
331 <212> TYPE: PRT
332 <213> ORGANISM: Homo sapiens
334 <400> SEQUENCE: 14
336 Gly Gln Glu Ser Phe Lys
337 1 5
340 <210> SEQ ID NO: 15
341 <211> LENGTH: 4
342 <212> TYPE: PRT
343 <213> ORGANISM: Homo sapiens
345 <400> SEQUENCE: 15
347 Lys Gln Glu Lys
348 1
351 <210> SEQ ID NO: 16
352 <211> LENGTH: 9
353 <212> TYPE: PRT
354 <213> ORGANISM: Homo sapiens
356 <400> SEQUENCE: 16
358 Gly Pro Ser Ser Val Glu Asp Ile Lys
359 1 5
362 <210> SEQ ID NO: 17
363 <211> LENGTH: 13
364 <212> TYPE: PRT
365 <213> ORGANISM: Homo sapiens
367 <400> SEQUENCE: 17
369 Met Gln Ala Ser Ile Glu Lys Gly Gly Ser Leu Pro Lys
370 1 5 10
373 <210> SEQ ID NO: 18
374 <211> LENGTH: 10
375 <212> TYPE: PRT
376 <213> ORGANISM: Homo sapiens
378 <400> SEQUENCE: 18

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VERIFICATION SUMMARY DATE: 08/10/2006
PATENT APPLICATION: US/10/588,124 TIME: 11:01:31

Input Set : A:\L7350.0010 SEQUENCE LISTING.txt
Output Set: N:\CRF4\08102006\J588124.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date